

# Press Release

14 December, 2023

## **IVECO Australia partners with Transurban and Plus to advance autonomous trucks**

IVECO will assist leading toll road operator, Transurban, and Silicon Valley-based autonomous driving software company, Plus, to explore how IVECO S-Way trucks integrated with Plus's Level 4 autonomous driving technology combined with smart road infrastructure, could help make trucking safer, more efficient, and more sustainable in Australia.

The program builds on IVECO's partnership with Plus to develop highly automated trucking solutions for Europe. Two of IVECO's latest S-Way AS 550 prime movers are being factory fitted with Plus's latest autonomous driving technologies and integrated with smart motorway infrastructure to enhance the perception and awareness capabilities of the autonomous trucks. The trucks will have capacity to carry up to 43 tonnes.

With road freight projected to grow steadily in the coming decades, self-driving trucks operating during off-peak periods have the potential to transform the freight industry by moving more goods, more quickly, and more sustainably. It is anticipated that this will also deliver positive economic and social outcomes for consumers, motorists and governments by reducing congestion and improving road safety.

Transurban is a leading global operator of smart motorways across Australia and North America, and this partnership leverages the benefits of smart road infrastructure and operations to complement truck technologies being developed by IVECO and Plus.

The Plus software uses advanced generative AI, machine learning, computer vision, and other state-of-the-art algorithms to empower vehicles with superhuman awareness and control.

Equipped with advanced lidar (light detection and ranging), radar and camera sensors, Plus's autonomous driving software can detect and precisely track objects, predict their movement, and then

safely manoeuvre the vehicle. Additional features and capabilities are continuously added to the system through over-the-air updates.

The software builds on the IVECO S-Way's suite of standard driver aids including Advanced Emergency Braking System, Adaptive Cruise Control and Lane Departure Warning System.

The parties are seeking to understand the long-term opportunities for autonomous trucking to move freight, and the broad benefits this may deliver for transportation and our cities, which may include reduced congestion, improved road safety and traffic flow, and the more efficient and sustainable movement of freight.

In commenting on the project, Head of IVECO ANZ, Michael May, said the company was excited to be chosen as the commercial vehicle partner for the ground-breaking activity.

"IVECO has a long history of innovation and has been at the forefront of the commercial vehicle industry for many years, particularly where new technologies and sustainability are concerned," Mr May said.

"Based in Melbourne, the IVECO Customer Innovation Centre is very excited to begin this collaborative project and support the next steps in creating sustainable and efficient ecosystems of freight movement. To be partnering with industry leaders like Transurban and Plus on this project is certainly exciting and we look forward to playing a role in contributing to the evolution of the road transport industry on its search for greater efficiency, safety and sustainability."

On-road pilot testing activity is expected to commence in early 2024.

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## **IVECO Australia**

*IVECO is the brand of Iveco Group N.V. (EXM: IVG) that designs, manufactures and markets a wide range of light, medium and heavy commercial vehicles, off-road trucks and vehicles suitable for any body type.*

*It constantly innovates and extends its product portfolio to provide every customer with the vehicle that matches their mission precisely. Its full-line offer is designed around the Driver's needs to deliver an excellent experience with a focus on safety and comfort. A wide range of advanced digital, connectivity-enabled services developed to help fleet owners run their fleet efficiently enhance IVECO's complete transport solution. IVECO pursues its decarbonisation strategy through a multi-energy approach.*

*IVECO operates six manufacturing plants and seven research and development centres. It counts on 3,500 sales and service points in over 160 countries, which guarantee technical support wherever an IVECO vehicle is at work.*

*IVECO drives the road of change by powering the transformation of the transport industry, propelled by the ambition to be the most reliable partner and full-line player for its customers.*

For further information about IVECO Australia:

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